



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

1142

4.5NR
Job Sheet 187859



Part No: 4.5NR

Job Qty: 1 ea

Part Name: Nubbins Receiver Hook



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/18/18

Job Tracking No:

Due Date: 12/19/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: 4.5NR REV.5 IPP REV:A 18.07.26 NEW ISSUE DD VERF:JFS

Ship Via:

For this order customer again requires electrical at least 20 cm longer than usual

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	12/19/18	12/19/18	0.00	0.00	Start Up Small Fab-4		DAS 30 9-89
100	Small Fab	1 pcs	12/19/18	12/19/18	0.50	1.00	Small Fab-9		AP
110	QC	1 pcs	12/19/18	12/19/18	0.00	0.00	QC5		DAS 30
120	Packaging	1 pcs	12/19/18	12/19/18	0.00	0.00	Packaging3-2		DAS 30 9-89
130	DC	1 pcs	12/19/18	12/19/18	0.00	0.00	DC		DAS 21 9-89
140	QC21-FG	1 Ea	12/19/18	12/19/18	0.00	0.00	QC21		DAS 21 9-89

Part Op 100 - 1- LASER ENGRAVE AS PER DWG AND SHEET 3. 2- ASSEMBLE AS PER DWG 3- TEST ASSEMBLY

Descriptions: 130 - Photocopy blue file and create labels as per MANUAL OM OOPM-4.5NR REV5

GREASE AEROSHELL 100.7 (M138724) LOCTITE 620 (M138933)
LOCTITE 242 (M138933) SAF-T-EZE (M128063)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5073061
11-04473	16GA Shielded Wire	1 ft (1 ea)	100-Small Fab	5075144
20NR-56P	Spring Anchor	3 pcs (3 ea)	100-Small Fab	5138092
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-Small Fab	5049575
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5047075
4.5NR-10	Lock Roller Pin	1 Ea (1 ea)	100-Small Fab	5103919
4.5NR-12P	Latch	1 pcs (1 ea)	100-Small Fab	5029120
4.5NR-13P	Lock Bearing Screw	1 pcs (1 ea)	100-Small Fab	5029121
4.5NR-14P	Lock Roller	1 pcs (1 ea)	100-Small Fab	5029122
4.5NR-15P	Lock Bearing	1 pcs (1 ea)	100-Small Fab	5099268
4.5NR-16P	Lock	1 pcs (1 ea)	100-Small Fab	5029124
4.5NR-17P	Lock Bushing	1 pcs (1 ea)	100-Small Fab	5029125
4.5NR-18P	Load Stop	1 pcs (1 ea)	100-Small Fab	5029132
4.5NR-20P	Load Stop Bushing	2 pcs (2 ea)	100-Small Fab	5029133
4.5NR-21	Spring Anchor	3 Ea (3 ea)	100-Small Fab	5098078
4.5NR-23P	Load Stop Back Bumper	1 pcs (1 ea)	100-Small Fab	5029134
4.5NR-24P	Load Stop Front Bumper	1 pcs (1 ea)	100-Small Fab	5029135
4.5NR-25P	Side plate Solenoid	1 pcs (1 ea)	100-Small Fab	5029036
4.5NR-27P	Solenoid	1 pcs (1 ea)	100-Small Fab	5130570
4.5NR-28P	Solenoid Cover	1 pcs (1 ea)	100-Small Fab	5121264
4.5NR-3	Load Stop Stiffener	2 Ea (2 ea)	100-Small Fab	5029139

007442

DART
AEROSPACE

Container No: S138243



Part: 4.5NR

Job No: 187859

Serial No/Batch: S138243

Revision: 5

Inspector:

Exp Date:

Instructions:

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632-5200
Email: sales@dartheero.com
www.darteerospace.com

Date: 12/18/18

4.5NR-30P	Solenoid Cover Screw	2 pcs (2 ea)	100-Small Fab	5029140
4.5NR-32P	Manual Release Knob	1 pcs (1 ea)	100-Small Fab	5029141
4.5NR-33P	Cage Spacer	1 pcs (1 ea)	100-Small Fab	5029142
4.5NR-34P	Load Rail	2 pcs (2 ea)	100-Small Fab	5029143
4.5NR-35P	Latch Bushing	2 pcs (2 ea)	100-Small Fab	5128189 5138735
4.5NR-36P	Latch Spring	2 pcs (2 ea)	100-Small Fab	5029145
4.5NR-38P	Funnel Sub-Assembly	1 pcs (1 ea)	100-Small Fab	5121263
4.5NR-39P	Keeper Spring	1 pcs (1 ea)	100-Small Fab	5029147
4.5NR-4	Bolt	2 Ea (2 ea)	100-Small Fab	5121267
4.5NR-40P	Keeper	1 pcs (1 ea)	100-Small Fab	5029149
4.5NR-41P	Latch Roller	1 pcs (1 ea)	100-Small Fab	5029150
4.5NR-43P	Lever	1 pcs (1 ea)	100-Small Fab	5121261
4.5NR-44P	Latch Pin	1 pcs (1 ea)	100-Small Fab	5029152
4.5NR-45P	Latch Roller Pin	1 pcs (1 ea)	100-Small Fab	5029153
4.5NR-46P	Lever Bushing	1 pcs (1 ea)	100-Small Fab	5029154
4.5NR-47P	Front Stiffener	1 pcs (1 ea)	100-Small Fab	5121269
4.5NR-50P	Lifter Pin	1 pcs (1 ea)	100-Small Fab	5114813
4.5NR-52P	Keeper Bushing	1 pcs (1 ea)	100-Small Fab	5029157
4.5NR-6	Side Plate Cover	1 Ea (1 ea)	100-Small Fab	5101545
4.5NR-7P	Lifter Bushing	2 pcs (2 ea)	100-Small Fab	5029162
4.5NR-8P	Lifter	1 pcs (1 ea)	100-Small Fab	5029163
4.5NR-9P	Lifter/Load Stop Spring	2 pcs (2 ea)	100-Small Fab	5113653 113653
AN6-13A	Bolt	6 Ea (6 ea)	100-Small Fab	5115611
AN6-14A	Machine Bolt 3/8-24 X 1.58 - Steel	1 Ea (1 ea)	100-Small Fab	5071829
AN6-24A	Hex Bolt 3/8-24 X 2 1/2"	1 Ea (1 ea)	100-Small Fab	5071830
AN6-40A	3/8-24 Bolt X 3" Long	1 Ea (1 ea)	100-Small Fab	5041108
AN7-24A	Bolt	1 Ea (1 ea)	100-Small Fab	5119275
AN7-40A	Bolt	1 Ea (1 ea)	100-Small Fab	5101840
C10-7P	Locating Pin	2 pcs (2 ea)	100-Small Fab	5101822
C45-10-1P	Lock Spring Pin	1 pcs (1 ea)	100-Small Fab	5029293
C45-13-2P	Teflon Keeper, Spacer	2 pcs (2 ea)	100-Small Fab	5040660
C45-3-2-1P	Snap Ring	2 pcs (2 ea)	100-Small Fab	5029317
C45-3-4-1P	Retaining Ring	2 pcs (2 ea)	100-Small Fab	5035997
C45-3-5P	Teflon Spacer	2 pcs (2 ea)	100-Small Fab	5029321
CORD GRIP 8183X6P	Cord Grip	1 pcs (1 ea)	100-Small Fab	5029491
CORD GRIP	Cord Grip	1 pcs (1 ea)	100-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab	5072957
MS21044N6	Nut, Self-Lock .375-24, UNJF-3B	1 Ea (1 ea)	100-Small Fab	5099740
MS21044N7	Keeper Nut	2 Ea (2 ea)	100-Small Fab	5100411
MS21083N3	Nut	4 2 Ea (2 ea)	100-Small Fab	5076011
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab	5076012
NAS1149F0332P	Washer	2 Ea (2 ea)	100-Small Fab	5103666-1
NAS1149F0632P	Washer	2 Ea (2 ea)	100-Small Fab	5067038
NAS1149F0663P	Washer	9 Ea (9 ea)	100-Small Fab	5051477-2
NAS1149F0763P	Washer	4 Ea (4 ea)	100-Small Fab	5078169

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	238	0
100-Small Fab	11-04473	1	18	0
	20NR-56P	3	0	0
	2595K22	1	39	0
	32446	2	848	0
	4.5NR-10	1	8	0
	4.5NR-12P	1	38	0
	4.5NR-13P	1	0	0
	4.5NR-14P	1	0	0
	4.5NR-15P	1	0	0
	4.5NR-16P	1	12	0
	4.5NR-17P	1	17	0
	4.5NR-18P	1	7	0
	4.5NR-20P	2	7	0
	4.5NR-21	3	44	0
	4.5NR-23P	1	1	0
	4.5NR-24P	1	4	0
	4.5NR-25P	1	0	0
	4.5NR-27P	1	0	0
	4.5NR-28P	1	0	0
	4.5NR-3	2	10	0
	4.5NR-30P	2	3	0
	4.5NR-32P	1	24	0
	4.5NR-33P	1	2	0
	4.5NR-34P	2	6	0
	4.5NR-35P	2	2	0
	4.5NR-36P	2	8	0
	4.5NR-38P	1	0	0
	4.5NR-39P	1	42	0
	4.5NR-4	2	0	0
	4.5NR-40P	1	9	0
	4.5NR-41P	1	34	0
	4.5NR-43P	1	0	0
	4.5NR-44P	1	45	0
	4.5NR-45P	1	3	0
	4.5NR-46P	1	74	0
	4.5NR-47P	1	7	0
	4.5NR-50P	1	0	0
	4.5NR-52P	1	3	0
	4.5NR-6	1	6	0
	4.5NR-7P	2	15	0
	4.5NR-8P	1	9	0
	4.5NR-9P	2	0	0
	AN6-13A	6	75	0
	AN6-14A	1	28	0
	AN6-24A	1	29	0
	AN6-40A	1	122	0
	AN7-24A	1	27	0
	AN7-40A	1	36	0
	C10-7P	2	2	0
	C45-10-1P	1	25	0
	C45-13-2P	2	26	0
	C45-3-2-1P	2	314	0
	C45-3-4-1P	2	0	0
	C45-3-5P	2	81	0
	CORD GRIP	2	15	0
	EL-PLUG-M	1	51	0
	MS21044N6	1	46	0
	MS21044N7	2	30	0
	MS21083N3	2	141	0
	MS21083N6	1	123	0
	NAS1149F0332P	2	2,740	0
	NAS1149F0632P	2	480	0
	NAS1149F0663P	9	412	0
	NAS1149F0763P	4	169	0

Part Specifications
Specifications could not be found.

Plex 12/18/18 8:13 AM dart.lacelle.linda



Remote Cargo Hook Test Form

4.5NR

Work Order 187859

Customer 9804

Serial Number 5138243

Date 2018-12-18

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	2,250	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 A	Pass
2	3,500	Electircal, 22 volts	Current shall not exceed 4.5A	3.2 A	Pass
2	2,500	Electircal, 22 volts	Current shall not exceed 4.5A	3.2 A	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 4.5A	3.3 A	Pass
2	500	Electircal, 22 volts	Current shall not exceed 4.5A	2.5 A	Pass
1	4,500	Electircal, 20 volts	Current shall not exceed 4.1A	2.7 A	Pass
1	4,500	Electircal, 28 volts	Current shall not exceed 5.7A	4.0 A	Pass
1	4,500	Manual		N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 4.9-5.6 Ohms	5.4 Ω	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By:

Michel Lalonde

Technician

Signature:

Sylvie Boucher

QC 5 Small FAB / QA

Submit

